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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1-27. (Canceled)

28. (currently amended) A composition for delivering an agent to cells, the composition comprising the agent and a delivery enhancing compound of Formula I:

$$X_1$$
— C — N — $(CH_2)_m$ — N — $(CH_2)_n$ — N — R
 C = O
 X_2

wherein:

m and n are the same or different and each is an integer from 2-8; R forms a cationic group with the nitrogen to which it is bound, or

X₁ is selected from the group consisting of

 X_2 , and X_3 are each independently selected from the group consisting of a saccharide group,

wherein at least one of X₂ and X₃ is a saccharide group when R is

from the group consisting of a therapeutic protein, a therapeutic gene[[s]], a vector and an antisense nucleic acid.

- 29. (previously presented) The composition according to claim 28, wherein the saccharide group has between one to eight monosaccharide groups.
- 30. (original) The composition according to claim 29, wherein the saccharide group is selected from the group consisting of pentose monosaccharide groups, hexose monosaccharide groups, pentose-pentose disaccharide groups, hexose-hexose disaccharide groups, pentose-hexose disaccharide groups, and hexose-pentose disaccharide groups.
- 31. (original) The composition according to claim 28, wherein the saccharide group is a trisaccharide.
- 32. (original) The composition according to claim 28, wherein the concentration of the delivery enhancing compound is about 0.002 to about 2 mg/ml.

- 33. (original) The composition according to claim 32, wherein the concentration of the delivery enhancing compound is about 0.2 to 2 mg/ml.
- 34. (original) The composition according to claim 28, wherein the agent modulates a biological process in a cell when the agent is present in the cell.
- 35. (original) The composition according to claim 34, wherein the biological process is selected from the group consisting of cell growth, differentiation, proliferation, a metabolic or biosynthetic pathway, gene expression, a disease-associated process, and an immune response.
- 36. (original) The composition according to claim 28, wherein the agent comprises a polynucleotide.
- 37. (currently amended) The composition according to claim 36, wherein the polynucleotide is selected from the group consisting of **an-antisense nucleic acid**, a triplexforming nucleic acid, and a nucleic acid that comprises a gene which encodes a polypeptide.
- 38. (original) The composition according to claim 37, wherein the gene is a tumor suppressor gene.
- 39. (original) The composition according to claim 37, wherein the tumor suppressor gene is selected from the group consisting of a retinoblastoma gene and a p53 gene.
- 40. (original) The composition according to claim 28, wherein the composition further comprises a polymeric matrix.
- 41. (original) The composition according to claim 28, wherein the composition further comprises a mucoadhesive.
 - 42. (previously presented) A delivery enhancing compound having a Formula I:

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$$X_1$$
— C — N — $(CH_2)_m$ — N — $(CH_2)_n$ — N — R
 C = O
 X_2

wherein:

m and n are the same or different and each is an integer from 2-8; R forms a cationic group with the nitrogen to which it is bound, or

 X_1 is selected from the group consisting of:

 X_2 , and X_3 are each independently selected from the group consisting of a saccharide group,

wherein at least one of X₂ and X₃ is a saccharide group when R is

- 43. (previously presented) The compound of claim 42, wherein R forms a cationic group selected from the group consisting of NMe₃⁺ and NH₃⁺.
- 44. (previously presented) The compound of claim 42, wherein the saccharide group has between one to eight monosaccharide groups.
- 45. (original) The compound of claim 44, wherein the saccharide group is selected from the group consisting of pentose monosaccharide groups, hexose monosaccharide groups, pentose-pentose disaccharide groups, hexose-hexose disaccharide groups, pentose-hexose disaccharide groups, and hexose-pentose disaccharide groups.
- 46. (original) The compound of claim 42, wherein the saccharide group comprises between three and about eight monosaccharide residues.
- 47. (original) The compound of claim 46, wherein the saccharide group is a trisaccharide.
- 48. (original) The compound of claim 42, wherein at least one of X_2 and X_3 is a saccharide group.
- 49. (original) The compound of claim 42, wherein m and n are each independently 2 or 3.

50. (original) The compound of claim 42, wherein both X_1 and X_2 are both

and X₃ is a saccharide group.

- 51. (original) The compound of claim 42, wherein the saccharide group is a hexose-hexose disaccharide group.
- 52. (original) The compound of claim 42, wherein m and n are each 3, X_1 and X_2 are both

and X_3 is a hexose monosaccharide group.

53. (original) The compound of claim 42, wherein m and n are each 3, X_1 and X_3 are both

and X_2 is a hexose monosaccharide group.

54. (original) The compound of claim 42, wherein m and n are each 3, X_1 and X_2 are both

and X₃ is a hexose-hexose disaccharide group.

55. (original) The compound of claim 42, wherein m and n are each 3, X_1 and X_3 are both

X₂ is a hexose-hexose disaccharide group.

56. (previously presented) The composition according to claim 28, wherein the compound has a Formula III:

57. (previously presented) The composition according to claim 28, wherein the compound has a Formula IV:

58. (previously presented) The composition according to claim 28, wherein the compound has a Formula V:

$$V$$
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59-81. (canceled)

- 82. (currently amended) The composition according to claim 28, wherein the agent is a gene encoding <u>an</u> interferon.
- 83. (previously presented) The composition according to claim 82, wherein the interferon is a member of the group selected from α -interferon, β -interferon, and γ interferon.
- 84. (previously presented) The composition according to claim 83, wherein the interferon is α -interferon.

- 85. (previously presented) The composition according to claim 28, wherein the gene is incorporated into a vector.
- 86. (previously presented) The composition according to claim 28, wherein the vector is a recombinant viral vector.
- 87. (currently amended) The composition according to claim 86, wherein the recombinant viral vector is selected from the group consisting of a herpes viral vector, retroviral vector, vaccinia viral vector and an adenoviral vector.
- 88. (previously presented) The composition according to claim 87, wherein the recombinant viral vector is an adenoviral vector.
- 89. (new) The composition according to claim 88, wherein the adenoviral vector has a deletion of the protein IX gene.
- 90. (new) The composition according to claim 32, wherein the concentration of the delivery enhancing compound is about 0.1 to 1 mg/ml.
- 91. (new) The composition according to claim 28, wherein the therapeutic gene is selected from the group consisting of a tumor suppressor gene, a suicide gene, a triplex forming nucleic acid molecule, a gene encoding a cytokine, a genes encoding an interleukin, and a gene encoding a colony stimulating factor.
- 92. (new) The composition according to claim 28, wherein the agent is an antisense nucleic acid molecule.
- 93. (new) The composition according to claim 28, wherein the agent is a therapeutic protein.

- 94. (new) The composition according to claim 35, wherein the proliferation is a neoplatic disorder.
- 95. (new) The composition according to claim 94, wherein the neoplastic disorder is cancer.
- 96. (new) The composition according to claim 91, wherein the gene encoding a cytokine is selected from the group consisting of interferons α , β , δ , and γ .
- 97. (new) The composition according to claim 91, wherein the gene encoding an interleukin is selected from the group consisting of IL-1, IL-2, IL-4, IL-6, IL-7 and IL-10.
 - 98. (new) A composition, the composition comprising: a compound having the formula

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an agent selected from the group consisting of a therapeutic protein, a therapeutic gene, a vector and an antisense nucleic acid.

99. (new) The composition according to claim 98, wherein the therapeutic gene encodes interferon.

- 100. (new) The composition according to claim 99, wherein the interferon is α -interferon.
- 101. (new) The composition according to claim 99, wherein the interferon is β -interferon.
- 102. (new) The composition according to claim 99, wherein the interferon is δ -interferon.
- 103. (new) The composition according to claim 99, wherein the interferon is γ -interferon.
- 104. (new) The composition according to claim 99, wherein the gene encoding interferon is incorporated in a viral vector.
- 105. (new) The composition according to claim 104, wherein the viral vector is an adenoviral vector.
- 106. (new) The composition according to claim 105, wherein the adenoviral vector comprises a CMV promoter.
- 107. (new) The composition according to claim 105, wherein the adenoviral vector has a deletion of the protein IX gene.
- 108. (new) The composition according to claim 105, wherein the composition comprises about 1.0×10^8 particles/ml to 1.0×10^{12} particles/ml of the adenoviral vector.
- 109. (new) The composition according to claim 105, wherein the composition comprises about 1.0×10^9 particles/ml to 1.0×10^{11} particles/ml of the adenoviral vector.

- 110. (new) The composition according to claim 105, wherein the composition comprises about 1.0×10^8 particles/ml to 5.0×10^{11} particles/ml of the adenoviral vector.
- 111. (new) The composition according to claim 105, wherein the composition comprises about 5.0×10^{11} particles/ml of the adenoviral vector.
- 112. (new) The composition according to claim 98, wherein the composition further comprises a buffer.
- 113. (new) The composition according to claim 98, wherein said compound of formula III and the gene encoding interferon are mixed just prior to administration to the patient.
- 114. (new) The composition according to claim 98, wherein the concentration of the compound is about 0.002 to about 2 mg/ml.
- 115. (new) The composition according to claim 114, wherein the concentration of the compound is about 0.2 to 2 mg/ml.
- 116. (new) The composition according to claim 114, wherein the concentration of the compound is about 0.1 to 1 mg/ml.
- 117. (new) The composition according to claim 98, wherein the therapeutic gene is selected from the group consisting of a tumor suppressor gene, a suicide gene, a triplex forming nucleic acid molecule, a gene encoding a cytokine, a genes encoding an interleukin, and a gene encoding a colony stimulating factor.
- 118. (new) The composition according to claim 117, wherein the gene encoding an interleukin is selected from the group consisting of IL-1, IL-2, IL-4, IL-6, IL-7 and IL-10.
- 119. (new) The composition according to claim 98, wherein the agent is an antisense nucleic acid.

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120. (new) The composition according to claim 98, wherein the agent is a therapeutic protein.